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PATENT

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7/16/04
Date

Andrea Dolder
Andrea Dolder

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Mohamed A. Hashish et al.
Application No. : 10/602,535
Filed : June 23, 2003
For : METHODS AND APPARATUS FOR MILLING GROOVES WITH
ABRASIVE FLUIDJETS

Art Unit : 3723
Docket No. : 340058.525
Date : July 16, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the U.S. Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed

relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please note that, as German Patent No. DE 27 36 314 A1 is not in English, applicants also cite its U.S. equivalent, namely, U.S. Patent No. 4,196,858.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



Lorraine Linford
Registration No. 35,939

LL:ad

Enclosures:

Postcard
Form PTO-1449
Cited References (26)

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498344_1.DOC



TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

Application Number	10/602,535
Filing Date	June 23, 2003
First Named Inventor	Mohamed A. Hashish
Art Unit	3723
Examiner Name	George Binh Minh Nguyen
Attorney Docket No.	340058.525

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (<i>Appeal Notice, Brief, Reply Brief</i>) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Lorraine Linford	Customer Number 00500
Signature		
Date	July 16, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Andrea Dolder	
Signature		Date: July 16, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
498346_1.DOC

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 340058.525	APPLICATION NO. 10/602,535
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Mohamed A. Hashish et al.	
		FILING DATE June 23, 2003	GROUP ART UNIT 3723

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,618,989	11/25/52	Cupler, II	76	107	
	AB	3,168,848	02/09/65	Bardenhagen et al.	83	174	
	AC	3,540,166	11/17/70	Crumley	51	247	
	AD	3,709,436	01/09/73	Foster	239	287	
	AE	3,726,481	04/10/73	Foster et al.	239	287	
	AF	3,756,106	09/04/73	Chadwick et al.	83	177	
	AG	3,897,002	07/29/75	Witty	239	288	
	AH	3,960,407	06/01/76	Noren	299	17	
	AI	3,997,111	12/14/76	Thomas et al.	239	1	
	AJ	4,097,000	06/27/78	Derr	239	599	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	FR 989.083	09/04/51	France		
	AL	DE 27 36 314 A1	02/22/79	Germany		
	AM					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	Hashish, "Deep Kerfing Concepts With Penetrating Abrasive-Waterjet Nozzles," <i>Proceedings of the Canadian Congress of Applied Mechanics</i> , Alberta, Canada, 1987, 2 pages.
	AO	Hashish et al., "Abrasive-Waterjet Deep Kerfing in Concrete for Nuclear Facility Decommissioning," <i>Proceedings of the Third U.S. Water Jet Symposium</i> , Pittsburgh, PA, May 1985, 22 pages.
	AP	Hashish et al., "Development of Abrasive-Waterjet Concrete Deep Kerf Tool for Nuclear Facility Decommissioning," <i>Proceedings of the International Water Jet Symposium</i> , Water Jet Technology Association, Beijing, China, September 1987, pages 4-11 to 4-33.

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4,111,490	09/05/78	Liesveld	299	17
	BB	4,150,794	04/24/79	Higgins	239	596
	BC	4,196,858	04/08/80	Schulze et al.	239	522
	BD	4,216,906	08/12/80	Olsen et al.	239	11
	BE	4,508,577	04/02/85	Conn et al.	134	1
	BF	4,537,639	08/27/85	Shook	134	10
	BG	5,116,425	05/26/92	Ruef	134	17
	BH	5,167,721	12/01/92	McComas et al.	134	32
	BI	5,380,068	01/10/95	Raghavan	299	17
	BJ	5,724,824	03/10/98	Parsons	62	171
	BK					

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
			YES	NO
BL				
BM				
BN				
BO				
BP				

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

BQ		High Energy Jets Limited brochure, "A Technical Breakthrough in Fan Jets, a New Concept in Nozzle Design," undated.
BR		
BS		

EXAMINER	DATE CONSIDERED
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